

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000286851 A**(43) Date of publication of application: **13.10.00**(51) Int. Cl. **H04L 12/28**(21) Application number: **11091268**(22) Date of filing: **31.03.99**(71) Applicant: **HITACHI LTD**(72) Inventor: **OISHI TAKUMI
INAI HIDENORI**(54) **COMMUNICATION CONTROLLER**

COPYRIGHT: (C)2000,JPO

(57) Abstract

PROBLEM TO BE SOLVED: To conduct dynamic band control for every data flow with respect to outgoing data flow from a network to a mobile terminal in mobile communication.

SOLUTION: This communication controller is provided with a buffer that buffers a fixed length packet stream (data chain) 401 resulting from dividing a received fixed length packet. The length of the data chain 401 is changed on the basis of a band control signal from an external device. Moreover, a timing when reading each data chain 401 from the buffer is changed on response to the band control signal. Furthermore, the buffer informs the external device of a state of the buffer as traffic quantity information. The external device outputs the band control signal in response to the traffic quantity information.

